

Workstations & UE1/2 Options

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An "S" signifies compatibility with the server configuration, an "N" signifies compatibility with the Netra NFS 2/1300 and 2/2300 configurations.

Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
CPU MODULES					Internal Options				
X1187A+	CPU Module: 167MHz with 512KB cache for Ultra 2	\$5,000	A				✓ S		
X1188A+	CPU Module: UltraSPARC-I 200 MHz with 1MB cache for Ultra 2	\$9,000	A				✓ S		
X1191A+	CPU Module: UltraSPARC-II 300MHz with 2MB cache for Ultra2	\$10,000	A				✓ S, N		
X2510A+	CPU Module: UltraSPARC 167MHz with 1MB cache for Ultra 4000	\$13,000	A						14
(X)2530A+	CPU Module: UltraSPARC 250 MHz with 1MB cache for Ultra 4000	\$13,000	A						14
MEMORY					Internal Options				
X132M	Memory Expansion: 32MB (32MB JEDEC SIMM)	\$450	A*	✓					
(X)7002A ●	Memory Expansion: 64MB (2 x 32MB SIMMs)	\$1,000	A*		✓ S	✓ S	✓ S, N	✓	
(X)7003A ●	Memory Expansion: 128MB (2 x 64MB SIMMs)	\$2,000	A*		✓ S	✓ S	✓ S, N	✓	
(X)7004A ●	Memory Expansion: 256MB (2 x 128MB SIMMs)	\$5,800	A*		✓ S	✓ S	✓ S, N	✓	
(X)7022A ▼	Memory Expansion: 256MB (8 x 32MB ECC SIMMs)	\$4,750	A*						✓
(X)7023A ▼	Memory Expansion: 1GB (8 x 128MB ECC SIMMs)	\$23,200	A*						✓
CPU/MEMORY BOARD					Internal Options				
(X)2601A	CPU/Memory Board: 2 empty CPU slots, 2 empty 4MB modules NOTE: 1 CPU/memory board supports 2 memory expansion options & 2 UltraSPARC modules.	\$9,000	A						4 ■
I/O BOARD					Internal Options				
(X)2620A	Graphics I/O Board: 1 UPA slot, 2 empty SBus slots, 2 empty 25 MB/sec. Fibre Channel sockets, 1 Fast/Wide SCSI interface, and one 10/100 MB/sec. Ethernet (Twisted Pair or MII) interface.	\$7,000	A						7 ■

✚ CPU modules in a single system must be of the same speed.

● Ultra 1: SPARCstation 20 memory is supported if it is in groups of 2 identical SIMMs.

Ultra 2: SPARCstation 20 memory is supported if it is in groups of 4 identical SIMMs. Order two each (SIMMs need to be upgraded in groups of four).

Ultra 30: SPARCstation 20 memory is supported if it is in groups of 2 or 4 identical SIMMs. Recommend to upgrade in groups of 4.

▼ Ultra 4000: One memory expansion occupies one memory bank (8 SIMMs). Mixing memory options is supported if all SIMMs in one memory bank are the same.

■ Ultra 4000: Total number of slots available for CPU/memory, I/O, and Disk Boards is 8.

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Workstations & UE1/2 Options

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An "S" signifies compatibility with the server configuration, an "N" signifies compatibility with the Netra NFS 2/1300 and 2/2300 configurations.

Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
INTERNAL MASS STORAGE					Internal Options				
(X)5161A	Disk Board: 4.2GB (2 x 2.1GB 7200 RPM Fast/Wide SCSI Disk Drives)	\$3,700	A*						4
X5175A	Internal Disk Drive: 2.1GB (5400 RPM Fast/Wide SCSI-2 SC)	\$800	A*		✓ S				
(X)5214A	Internal Disk Drive: 4.2GB (7200 RPM Fast/Wide SCSI-2)	\$1,300	A*			✓	✓ S	✓ +	
(X)5251A	Internal Disk Drive: 9.1GB (7200 RPM Fast/Wide SCSI-2)	\$2,200	A*			✓	✓	✓ +	
X6001A	Internal Floppy Disk Drive: 1.44MB for Ultra 1	\$150	A		✓ S	✓			
X6002A	Internal Floppy Disk Drive: 1/2" high 1.44MB for SPARCstation 4, 5, and 20	\$150	A	✓					
X6003A	Internal Floppy Disk Drive: 1.44MB with cable for Ultra 2	\$150	A				✓ S		
X6004A	Internal Floppy Disk Drive: 1.44MB with manual eject for Ultra 30	\$150	A					✓	
(X)6104A	Internal Tape Drive: 2.5GB 1/4"	\$900	A						✓
X6106A	Internal Tape Drive: 4-8 GB SLR for Ultra 30	\$950	N/C					✓	
X6161A	Internal CD-ROM Drive: SunCD 12 for the FlexiPack	\$300	A	✓	✓ S	✓	✓ S	✓	
X6162A	Internal CD-ROM Drive: SunCD 12 for SPARCstation 5	\$300	A	✓					
X6163A	Internal CD-ROM Drive: SunCD 12 for Ultra 2 and Enterprise 2	\$300	A				✓ S		
(X)6212A	Internal Tape Drive: 14GB 8mm for Ultra1/Ultra2/FlexiPack NOTE: For Ultra 2 platform, also order cable X3860A to attach internal storage peripherals. For server platforms, CD-ROM must be removed.	\$1,925	A		✓ S	✓	✓ S	✓	
(X)6213A	Internal Tape Drive: 7-14GB 8mm 8705DB for Enterprise 3000 & 4000	\$1,925	A						✓
(X)6235A	Internal Tape Drive: 20-40GB 8mm with cable for Enterprise 4000	\$5,400	A						✓
(X)6282A	Internal Tape Drive: 12-24GB 4mm DDS-3 for Ultra 1 and 2. NOTE: Requires Solaris 2.4 or later. Supported by Solstice Backup 4.2. When ordering an Ultra 2, SCSI cable X3860A must also be ordered.	\$1,800	A		✓ S	✓	✓ S	✓	
(X)6283A	Internal Tape Drive: 12-24GB 4mm DDS-3 for E3000 and E4000 NOTE: Requires Solaris 2.4 or later. Supported by Solstice Backup 4.2.	\$1,800	A						✓
(X)6520A	Internal Disk Drive: 2.1GB (7200 RPM Fast/Wide SCSI-3)	\$950	A*			✓	✓ S	✓ +	
X659A	Internal Disk Drive: 2.1GB (5400 RPM Fast SCSI-2 SC)	\$800	A*	✓					

+ Ultra 30: Operates at UltraSCSI mode.

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SBUS					Internal Options				
X1004A	Token Ring Interface / SBus (TRI/S) for Solaris 1.x NOTE: Requires Solaris 1.1.1 Version B or higher.	\$1,495	B	✓					
X1008A	Serial Parallel Controller (SP/C) NOTE: Requires Solaris 1.x, or Solaris 2.3 or later	\$1,095	A	✓	✓	✓	✓ S, N		4
X1009A	High-Speed Serial Interface / SBus (HSI/S) for Solaris 1.x NOTE: Requires Solaris 1.1.1 Version B or higher.	\$2,495	B	✓					
X1012A	SunISDN Expansion Kit, SunISDN Card, Certification Labels, and SunISDN Enabling Kit 1.0.3	\$595	A	✓	✓	✓	✓ S, N		5
(X)1014A+	Token Ring Interface / SBus (TRI/S) (Solaris 2.x)	\$1,350	B	✓	✓ S	✓	✓ S, N		4
(X)1018A	SunSwift 100Base-T Fast/Wide SCSI SBus Adapter NOTE: Requires Solaris 2.5 or higher.	\$1,095	A	✓	✓ S	✓	✓ S		9
(X)1019A+	High-Speed Serial Interface / SBus (HSI/S) for Solaris 2.x	\$2,275	B	✓	✓ S		✓ S		4
(X)1021A	Sun SBus Prestoserve™ NFS Accelerator	\$2,995	A	✓	✓ S	✓	✓ S		
(X)1025A	SunFDDI 5.0 Single-attach SBus adapter (SAS)	\$2,500	A	✓	✓	✓	✓ S, N		3
(X)1026A	SunFDDI 5.0 Dual-attach SBus adapter (DAS)	\$3,775	A	✓	✓	✓	✓ S, N		3
X1030A	PCMCIA Interface/SBus Card	\$295	A	✓●	✓	✓	✓		
(X)1045A	Sun Gigabit Ethernet /S 1.0 Network Interface Card	\$2,295	A						
(X)1046A	Gigabit Ethernet Switch	\$9,995	A						
X1049A	Quad FastEthernet 2.0 SBus Card (QFE) Supports Sun Trunking 1.0 Software	\$1,995	A	✓+	✓ S	✓	✓ S, N		2
X1052A	SBus Fast Differential SCSI-2 / Buffered Ethernet Card (DSBE/S).	\$1,095	A						9
(X)1053A	SBus Fast SCSI-2 / Buffered Ethernet Card (FSBE/S)	\$1,095	A	✓	✓ S	✓	✓ S		9
(X)1054A	SBus SCSI/Buffered Ethernet Card (SBE/S)	\$1,095	A	✓	✓ S	✓	✓ S		
X1055A	SBus SCSI Host Adapter	\$495	A	✓	✓ S	✓	✓ S		
(X)1057A	25 MB/s Fibre Channel/SBus Host adapter, single-channel host connection for SPARCstorage Array NOTE: Requires Solaris 2.3 or higher.	\$1,600	A				N		
(X)1059A	SunFastEthernet 10/100 SBus Adapter 2.0 SBus Card, and Solaris 1.x Driver NOTE: Requires Solaris 1.1.2, or Solaris 2.5 or later.	\$795	A	✓	✓ S	✓	✓ S, N		3
(X)1060A	SunATM-155/MFiber SBus Adapter 2.0 NOTE: Requires Solaris 2.4, Hardware: 11/94 or later.	\$1,295	A	✓	✓ S	✓	✓ S, N		3
(X)1061A	SunATM-155/UTP5 SBus Adapter 2.0 NOTE: Requires Solaris 2.4, Hardware: 11/94 or later.	\$995	A	✓	✓ S	✓	✓ S, N		3
(X)1062A	SBus Fast/Wide Differential Intelligent SCSI-2 Host Adapter (DWIS/S) NOTE: Requires Solaris 2.3 or later.	\$1,295	A		✓ S	✓	✓ S, N		9

SBus options continued on next page.

✚ Solaris 2.3 Hardware: 5/94 or later required.

● Solaris 2.3 Hardware: 5/94 or later required. Also supported on SS5 with Solaris 2.3 Ed. II.

▼ Requires Solaris 2.5.1 hardware 4/97 or later; a Sun PCI desktop or server

NOTE: Add "X" in front of an Order Number for a standalone order for existing systems. * Maximum discount may apply.

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Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
SBUS (cont.)					Internal Options				
(X)1063A	SBus Single-Ended Fast/Wide Intelligent SCSI-2 Host Adapter (SWIS/S) NOTE: Requires Solaris 2.3 or later.	\$1,195	A	✓	✓ S	✓	✓ S, N		9
(X)1064A	SunATM-622/MFiber SBus Adapter NOTE: Requires Solaris 2.4, Hardware: 11/94 or later and two available SBus slots.	\$4,995	A		✓ S	✓	✓ S, N		2
(X)1065A	SBus Ultra Differential Fast/Wide Intelligent Host Adapter (DWIS/S).	\$1,295	A						9
X1075A	SBus NVRAM Card, 32MB for Netra NFS 2/1300 & 2/2300	\$6,895	A				N		
X1129A-4.2-P	SunPC 133-MHz X86 card with SunPC 4.2 software. NOTE: Requires Solaris 2.4 or later, a minimum of 32MB RAM (48MB recommended), 12MB FOR SunPC/MS-DOS plus 10MB for Microsoft Windows, 2MB standard up to 16MB extended/expanded memory (8-16MB recommended)	\$395	A	✓	✓ S	✓	✓ S		
X453A	SBus Ethernet Controller with Thin Ethernet transceiver and Thick and Thin Ethernet connectors. NOTE: Only one SBus Ethernet Controller can be added to systems with one internal disk.	\$400	A	✓					
PCI BUS					Internal Options				
X1032A	SunSwift 10/100BaseT Fast/Wide UltraSCSI PCI Adapter 1.0 NOTE: Requires Solaris 2.5 and 2.5.1 SHWP	\$995	A					✓	
X1033A	Sun FastEthernet 10/100BaseT PCI Adapter 2.0 with MII NOTE: Requires Solaris 2.5 and 2.5.1 SHWP	\$695	A					✓	
(X)1034A	Sun Quad FastEthernet (QFE) PCI Adapter NOTE: Requires Solaris 2.5 and 2.5.1 SHWP	\$1,795	A					✓	
X1035A▼	Sun FDDI Single-Attach PCI Bus Interface Adapter 1.0	\$2,295	A					✓	
X1036A▼	Sun FDDI Dual-Attach PCI Bus Interface Adapter 1.0	\$3,395	A					✓	
X1039A▼	Sun Token Ring Interface (TRI) PCI Bus Adapter 1.0	\$1,195	A					✓	
X1040A▼	Sun High-Speed Serial Interface (HSI) PCI Bus Adapter 1.0	\$1,995	A					✓	
X1041A▼	Sun Serial Asynchronous Interface (SAI) PCI Bus Adapter 1.0	\$995	A					✓	
(X)1044A	Sun Gigabit Ethernet /P 1.0 Interface PCI Adapter NOTE: Requires Solaris 2.5 and 2.5.1 SHWP	\$2,095	A					✓	
SUN VIDEO & MULTIMEDIA					Internal Options				
X1085A+	SunVideo video capture and compression SBus board	\$1,495	A	✓ ●	✓	✓	✓		
X488A	Multimedia Kit, SunVideo, Camera and Documentation, US NTSC version. NOTE: Requires Solaris 2.4 or later.	\$1,895	A	✓	✓	✓	✓		

✚ Solaris 2.3 Hardware: 5/94 or later required.

● Solaris 2.3 Hardware: 5/94 or later required. Also supported on SS5 with Solaris 2.3 Ed. II.

▼ Requires Solaris 2.5.1 hardware 4/97 or later; a Sun PCI desktop or server

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EXTERNAL MASS STORAGE									
External Options									
X5511A +	MultiPack: 4.2GB (2 x 2.1GB 7200 RPM Fast/Wide SCSI-2) with 68-68 pin SCSI cable	\$2,900	A*	✓▼	✓ S ▼	✓	✓ S, N	✓	6 ●
X5512A +	MultiPack: 12.6GB (6 x 2.1GB 7200 RPM Fast/Wide SCSI-2) with 68-68 pin SCSI cable	\$6,700	A*	✓▼	✓ S ▼	✓	✓ S	✓	6 ●
X5513A +	MultiPack: 25.2GB (12 x 2.1GB 7200 RPM Fast/Wide SCSI-2) with 68-68 pin SCSI cable	\$12,400	A*	✓▼	✓ S ▼	✓	✓ S, N	✓	6 ●
X5514A ▲	MultiPack: 8.4GB (2 x 4.2GB 7200 RPM Fast/Wide SCSI-2) with 68-68 pin SCSI cable	\$3,600	A*	✓▼	✓ S ▼	✓	✓ S, N	✓	6 ●
X5515A ▲	MultiPack: 25.2GB (6 x 4.2GB 7200 RPM Fast/Wide SCSI-2) with 68-68 pin SCSI cable	\$8,800	A*	✓▼	✓ S ▼	✓	✓ S, N	✓	6 ●
X5516A ▲	MultiPack: 50.4GB (12 x 4.2GB 7200 RPM Fast/Wide SCSI-2) with 68-68 pin SCSI cable	\$16,600	A*	✓▼	✓ S ▼	✓	✓ S, N	✓	6 ●
(X)6071A(R5) ▲	Tape Autoloader: DLT4700 in External Desktop Enclosure w/ 50-68 & 68-68 pin SCSI cables	\$13,500	A		S		S, N		4
(X)6226A(R4/5)	Library: 400GB 8mm, Model 8/400, Rack-Mountable Unit with Tape Drives <u>NOTE:</u> Requires Solaris 2.5 or later and a DWIS/S host adapter for every 2 drives ordered	\$23,500	A				N		4
X6227A +	Library: 140GB 8mm with 1 Internal Drive in Tower Unit	\$8,200	A*	✓▼	✓ S ▼	✓	✓ S, N	✓	4
(X)6228A(R4/5)	Library: 140GB 8mm with 1 Internal Drive in Rackmount Unit	\$8,200	A				N		4
X6229A+	14GB 8mm Internal Tape Option for 140GB 8mm Tape Libraries	\$2,225	A	For SSL Model 8/140					
X6527A▲	MultiPack 2: 18.2GB (2 x 9.1GB 7200 RPM 3.5" SCA) with Ultra SCSI Interface	\$5,400	A*	✓▼	✓ S ▼	✓	✓ S	✓	6
X6528A▲	MultiPack 2: 36.4GB (4 x 9.1GB 7200 RPM 3.5" SCA) with Ultra SCSI Interface	\$9,800	A*	✓▼	✓ S ▼	✓	✓ S	✓	6
X6529A▲	MultiPack 2: 54.6GB (6 x 9.1GB 7200 RPM 3.5" SCA) with Ultra SCSI Interface	\$14,200	A*	✓▼	✓ S ▼	✓	✓ S	✓	6
SG-XLIB8MM1-400G	Library: 400-800GB 8mm Model 8/400 in Tower Unit with 2 tape drives	\$23,500	A	✓	✓ S	✓	✓ S, N	✓	
ENTERPRISE TAPE LIBRARIES									
External Options									
X6063A	DLT7000 drive option for the ETL 4/1800 and ETL 7/3500 <u>NOTE:</u> Requires Solaris 2.5 or later, and cable X979A for every two drives ordered	\$13,500	A	For the ETL 4/1800 and ETL 7/3500					
X6073A ■	ETL 4/1800 with 2 DLT7000 Tape Drives & 52 slots	\$72,000	A		✓ S	✓	✓ S, N	✓	2
X6074A ■	ETL 4/1800 with 4 DLT7000 Tape Drives & 52 slots	\$99,000	A		✓ S	✓	✓ S, N	✓	2
X6075A ■	ETL 7/3500 with 2 DLT7000 Tape Drives & 100 slots	\$85,000	A		✓ S	✓	✓ S, N	✓	2
X6076A ■	ETL 7/3500 with 7 DLT7000 Tape Drives & 100 slots	\$152,500	A		✓ S	✓	✓ S, N	✓	2
X979A	12-meter Differential SCSI Cable	\$265	N/D						
EXPANSION DRIVES FOR DESKTOP MULTIPACK									
External Options									
X5214A	Internal Disk Drive for MultiPack: 4.2GB 7200RPM Fast/Wide SCSI-2	\$1,400	A*	For Desktop Multipack 12					
X5251A	Internal Disk Drive for MultiPack: 9.1GB 7200RPM Fast/Wide SCSI-2	\$2,320	A	For Desktop Multipack 6					
X6520A	Internal Disk Drive for MultiPack: 2.1GB 7200RPM Fast/Wide SCSI-3	\$950	A*	For Desktop Multipack 12					

+ Requires Solaris 2.3 or later

▲ Requires Solaris 2.4 or later

● Ultra 4000: SCSI cable X902A recommended

▼ Requires Solaris 2.3 or later; SWIS/S host adapter for wide SCSI functionality

■ Requires Solaris 2.5 or later; DWIS/S host adapter for every 2 drives ordered

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Append "R4" for factory-installation in System Cabinet, "R5" in Expansion Cabinet.

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SPARCstorage UNIPACK					External Options				
X5151A +	UniPack: 2.1GB 7200 RPM Fast/Wide SCSI-2 with 68-68 pin SCSI cable	\$1,175	A*		S	✓	✓ S, N	✓	4 ▼
X5152A ●	UniPack: 2.1GB 7200 RPM Fast/Wide SCSI-2 with 50-68 pin SCSI cable	\$1,175	A*	✓ ▼	✓ S ▼				
X5209A +	UniPack: 4.2GB 7200 RPM Fast/Wide SCSI-2 with 68-68 pin SCSI cable NOTE: Requires Solaris 2.3 or later. Not supported on Solaris 1.x.	\$1,525	A*		S ▼	✓	✓ S	✓	4 ▼
X5213A ●	UniPack: 4.2GB 7200 RPM Fast/Wide SCSI-2 with 50-68 pin SCSI cable NOTE: Requires Solaris 2.3 or later. Not supported on Solaris 1.x.	\$1,525	A*	✓ ▼	✓ S ▼				
X5253A +	UniPack: 9GB 7200 RPM Fast/Wide SCSI-2 with 68-68 pin SCSI cable NOTE: Requires Solaris 2.3 or later. Not supported on Solaris 1.x.	\$2,425	A*		S ▼	✓	✓ S	✓	4
X5254A ●	UniPack: 9GB 7200 RPM Fast/Wide SCSI-2 with 50-68 pin SCSI cable NOTE: Requires Solaris 2.3 or later. Not supported on Solaris 1.x.	\$2,425	A*	✓ ▼	✓ S ▼				
X6108A	UniPack: 4-8 GB SLR with 68-68 pin cable	\$1175	N/C			✓	✓ S, N	✓	
X6109A	UniPack: 4-8 GB SLR with 50-68 pin cable	\$1175	N/C	✓	✓ S				
X6157A +	UniPack: SunCD 12 with 68-68 SCSI cable NOTE: Requires Solaris 1.1.1 or later, or Solaris 2.4 or later.	\$525	A*		S	✓	✓ S, N	✓	4
X6158A ●	UniPack: SunCD 12 with 50-68 SCSI cable NOTE: Requires Solaris 1.1.1 or later, or Solaris 2.4 or later.	\$525	A*	✓	✓ S				
X6208A +	UniPack: 14GB 8mm with 68-68pin SCSI cable	\$2,150	A		S	✓	✓ S, N	✓	4
X6209A ●	UniPack: 14GB 8mm with 50-68pin SCSI cable	\$2,150	A	✓	✓ S				
X6230A +	UniPack: 20-40GB 8mm with 68-68 pin SCSI cable. NOTE: Requires Solaris 2.5 or later.	\$5,625	A		S	✓	✓ S, N	✓	8 ▼
X6231A ●	UniPack: 20-40GB 8mm with 50-68 pin SCSI cable. NOTE: Requires Solaris 2.5 or later.	\$5,625	A	✓ ▼	✓ S ▼				
X6261A +	UniPack: 4-8GB 4mm DDS-2 with 68-68pin SCSI cable	\$1,475	A		S	✓	✓ S, N	✓	4
X6262A ●	UniPack: 4-8GB 4mm DDS-2 with 50-68pin SCSI cable	\$1,475	A	✓	✓ S				
X6280A +	UniPack: 12-24GB 4mm DDS-3 with 68-68 pin SCSI cable NOTE: Requires Solaris 1.1.2 or later, or Solaris 2.4 or later. Supported by Solstice Backup 4.2.	\$2,025	A		S	✓	✓ S, N	✓	4
X6281A ●	UniPack: 12-24GB 4mm DDS-3 with 50-68 pin SCSI cable NOTE: Requires Solaris 1.1.2 or later, or Solaris 2.4 or later. Supported by Solstice Backup 4.2.	\$2,025	A	✓	✓ S				

+ Requires 68-68 pin cables to connect a UniPack to another UniPack or to a wide SCSI host adapter

● Requires 50-68 pin cables to connect a UniPack to a 50 pin SCSI host adapter, desktop storage or disk pack

▼ Requires Solaris 2.3 or later; SWIS/S host adapter for wide SCSI functionality

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SPARCstorage FLEXIPACK					External Options				
X6057A +	Flexipack: 20-40GB DLT4000 with 68-68 pin SCSI cable	\$6,400	A				S, N		4
X6058A ●	Flexipack: 20-40GB DLT4000 with 50-68 pin SCSI cable	\$6,400	A		S				
X6060A +	Flexipack: 35-70GB DLT7000 with 68-68 pin SCSI cable	\$10,900	A				S, N		4
X6061A ●	Flexipack: 35-70GB DLT7000 with 50-68 pin SCSI cable	\$10,900	A		S				
X6110A +	Flexipack: 4-8 GB SLR with 68-68 pin SCSI cable & 1 open half-height expansion bay	\$1450	N/C			✓	✓ S, N	✓	4
X6111A ●	Flexipack: 4-8 GB SLR with 50-68 pin SCSI cable & 1 open half-height expansion bay	\$1450	N/C	✓	✓ S				
X6159A +	Flexipack: SunCD 12 with 68-68 pin SCSI cable & 1 open half-height expansion bay	\$700	A*			✓	✓ S, N	✓	2
X6160A ●	Flexipack: SunCD 12 with 50-68 pin SCSI cable & 1 open half-height expansion bay	\$700	A*	✓	✓ S				
X6210A +	Flexipack: 14GB 8mm with 68-68 pin SCSI cable and 1 open half-height expansion bay	\$2,425	A			✓	✓ S, N	✓	2
X6211A ●	Flexipack: 14GB 8mm with 50-68 pin SCSI cable and 1 open half-height expansion bay	\$2,425	A	✓	✓ S				
X6232A +	Flexipack: 20-40MB 8mm with 68-68 pin SCSI cable & 1 open half-height expansion bay <i><u>NOTE:</u></i> Requires Solaris 2.5 or later.	\$5,900	A			✓	✓ S, N	✓	2 ▼
X6233A ●	Flexipack: 20-40MB 8mm with 50-68 pin SCSI cable & 1 open half-height expansion bay <i><u>NOTE:</u></i> Requires Solaris 2.5 or later.	\$5,900	A	✓ ▼	✓ S ▼				
X6263A +	Flexipack: 4-8GB 4mm DDS-2 with 68-68 pin SCSI cable & 1 open half-height expansion bay	\$1,750	A			✓	✓ S, N	✓	2
X6264A ●	Flexipack: 4-8GB 4mm DDS-2 with 50-68 pin SCSI cable & 1 open half-height expansion bay	\$1,750	A	✓	✓ S				
X6284A +	Flexipack: 12-24GB 4mm DDS-3 tape with 68-68 pin SCSI cable and 1 open half-height expansion bay	\$2,300	A			✓	✓ S, N	✓	2
X6285A ●	Flexipack: 12-24GB 4mm DDS-3 with 50-68 pin SCSI cable and 1 open half-height expansion bay	\$2,300	A	✓ ▼	✓ S ▼				
X6290A +	Flexipack: 72-144GB 4mm DDS-3 autoloader with 68-68 pin SCSI cable	\$4,550	A			✓	✓ S, N	✓	4
X6291A ●	Flexipack: 72-144GB 4mm DDS-3 autoloader with 50-68 pin SCSI cable	\$4,550	A	✓ ▼	✓ S ▼				
EXPANSION DRIVES for the FLEXIPACK					External Options				
X6106A	Internal Tape Drive: 4-8GB SLR for Ultra 30	\$950	A					✓	
X6161A	Internal CD-ROM Drive: SunCD 12 for the FlexiPack	\$300	A	✓	✓ S	✓	✓ S	✓	
X6236A	Internal Tape Drive: 20-40GB 8mm for the FlexiPack <i><u>NOTE:</u></i> Requires Solaris 2.5 or later.	\$5,900	A	✓	✓ S	✓	✓ S, N	✓	
X6265A	Internal Tape Drive: 4-8GB 4mm DDS-2 FlexiPack for the FlexiPack	\$1,250	A	✓	✓ S	✓	✓ S, N	✓	

- + Requires 68-68 pin cables to connect a UniPack to another UniPack or to a wide SCSI host adapter
 ● Requires 50-68 pin cables to connect a UniPack to a 50 pin SCSI host adapter, desktop storage or disk pack
 ▼ Requires Solaris 2.3 or later; SWIS/S host adapter for wide SCSI functionality

NOTE: Add "X" in front of an Order Number for a standalone order for existing systems. * Maximum discount may apply.

Workstations & UE1/2 Options

Maximum number of options supported, where available, is listed instead of “✓” mark.
An "S" signifies compatibility with the server configuration, an "N" signifies compatibility with the Netra NFS 2/1300 and 2/2300 configurations.

Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
FLEXIPACK REMOVABLE STORAGE TRAYS				Expansion Cabinet & SPARCstorage Arrays Options					
(X)6059A(R5)	DLT4000 FlexiPack for Removable Storage Tray NOTE: Requires Solaris 2.4 or later.								4
(X)6062A(R4/5)	35-70GB DLT7000 FlexiPack for use in FlexiPack Removable Storage Tray NOTE: Requires Solaris 2.5 or later.	\$10,900	A						16
(X)6237A(R4/5)	Two 20-40GB 8mm FlexiPack Tape Drives for FlexiPack Removable Storage Tray NOTE: Requires Solaris 2.5 or later.	\$11,300	A						16
(X)6294A(R5)	72-144GB 4mm DDS-3 Tape Autoloader in FlexiPack for Removable Storage Tray	\$4,550	A						4
(X)9641A(R4/5)	SPARCstorage FlexiPack Removable Storage Tray	\$350	A						8

SPARCstorage ARRAYS - Please see Section 4, "SPARCstorage Arrays"

Workstations & UE1/2 Options

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An "S" signifies compatibility with the server configuration, an "N" signifies compatibility with the Netra NFS 2/1300 and 2/2300 configurations.

Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
MONITORS					External Options				
X267A	20" color monitor	\$2,100	A	✓	✓ S	✓	✓ S	✓	
X268A	17" Premium color monitor	\$1,400	A	✓	✓ S	✓	✓ S	✓	
X7103A	17" Entry Level Color Monitor	\$900	A	✓	✓ S	✓	✓ S	✓	4 ⁷
X7124A	24" wide-screen color monitor, 96 KHz, DDC1/2B, MPR-II, TCO '92, 1920x1200 @70Hz NOTE: Requires Creator3D Series 2 (X3659A) for Ultra 30	\$4,000	A		S		S	✓	
UG-MON-17	Monitor Upgrade to 17" color monitor. Customer must return current Sun monitor.	\$1,095	A	✓	✓	✓	✓	✓	✓
UG-MON-20	Monitor Upgrade to 20" color monitor. Customer must return current Sun monitor.	\$1,745	A	✓	✓	✓	✓	✓	✓
UG-MON-24	Monitor Upgrade to 24" color monitor. Customer must return current Sun monitor.	\$2,995	A	✓	✓	✓	✓	✓	✓
GRAPHICS ACCELERATORS & ADAPTERS					External Options				
(X)3653A	Graphics Accelerator: Creator Series 1, 24-bit color, single-buffered, horizontal board orientation & cable	\$1,550	A			✓	✓ S		
(X)3654A	Graphics Accelerator: Creator3D Series 1, 24-bit color, double-buffered, horizontal board orientation & cable	\$2,550	A			✓	✓ S		
(X)3655A	Graphics Accelerator: TurboGXplus frame buffer & cable	\$2,050	A	✓	✓ S	✓	✓ S		
X3658A	Graphics Accelerator: Creator Series 2, 24-bit color, single-buffered, vertical board orientation & cable NOTE: Requires Solaris 2.5.1 hardware 4/97 or later	\$1,550	A					✓	
X3659A	Graphics Accelerator: Creator3D Series 2, 24-bit color, double-buffered, vertical board orientation & cable NOTE: Requires Solaris 2.5.1 hardware 4/97 or later	\$2,550	A					✓	
(X)3660A	PGX 8-bit color frame buffer PCI adapter & cable NOTE: Requires Solaris 2.5.1 hardware 4/97 or later	\$1,050	A					✓	
(X)3872A	Video Connector adapter, HD-15F to 13W3M	\$45	A						
(X)7110A	TurboGX frame buffer & cable	\$1,050	A	✓	✓ S	✓	✓ S		4
UG-FFB-FFB2DB-V	Graphics Accelerator Upgrade: From any Creator graphics to Creator3D Series 2, 24-bit color, double-buffered, vertical board orientation & cable	\$1,950	A					✓	
UG-FFB-FFB2SB-V	Graphics Accelerator Upgrade: From any Creator graphics to Creator Series 2, 24-bit color, single-buffered, vertical board orientation & cable	\$1,150	A					✓	
UG-GX-TX1	Color or GX frame buffer SBus upgrade to 1MB single-slot TurboGX SBus card	\$760	A	✓	✓				
UG-TX1-TX4	TurboGX to TurboGXplus graphics board upgrade for SPARCstation 5	\$1,295	A	✓					
UG-ZX/FFB-SB-DB-S	Graphics Accelerator Upgrade: From ZX or Creator to Creator3D graphics 75 MHz frame buffer	\$1,795	A			✓	✓	✓	✓

NOTE: Add "X" in front of an Order Number for a standalone order for existing systems. * Maximum discount may apply.

Append "R4" for factory-installation in System Cabinet, "R5" in Expansion Cabinet.

Workstations & UE1/2 Options

Maximum number of options supported, where available, is listed instead of “✓” mark.

An "S" signifies compatibility with the server configuration, an "N" signifies compatibility with the Netra NFS 2/1300 and 2/2300 configurations.

Option	Description	List Price	Discount Category	SS 5	Ultra 1 170	Ultra 1 170E, 200E	Ultra 2	Ultra 30	Ultra 4000
INPUT DEVICES					External Options				
X180A	SunButtons™ - 32-key function I/O device	\$1,400	A	✓	✓ S	✓	✓	✓	
X190A	SunDials™ - 8-dial interactive graphics I/O device for 3-D	\$1,800	A	✓	✓ S	✓	✓	✓	
PACKAGING					External Options				
(X)956A	Enterprise Expansion Cabinet	\$8,000	A				N		✓
X972A	Rack-mount rails for Enterprise 4000	\$450	A						✓
3800A	Power Cord for Enterprise System and Expansion Cabinet, US Version (NEMA L6-30P Plug)	N/C	N/D				N		✓
CABLES & ACCESSORIES					External Options				
(X)3500A	Type 5 Country Kit - North American PC-101 style (U.S. or Canada only)	N/C	-	✓	✓	✓	✓	✓	✓
(X)3540A	Type 5 Country Kit - North American UNIX (U.S. or Canada only)	N/C	-	✓	✓	✓	✓	✓	✓
X3810A	SCSI Cable: 4 meter 68-68 pin	\$165	A						✓
X3860A	SCSI-2 Cable: Fast/Narrow for Ultra 2 X-options.	\$25	A				✓ S, N		
X467A	MII to AUI Converter Cable	\$295	A		S	S			
(X)795A(R5)	Controller Assembly w/ 15-meter Fibre Channel Cable	\$13,000	A		✓	✓	✓ S, N		✓
(X)902A	SCSI Cable: 2 meter 68 pin External	\$125	N/D						✓
X907A	Auxiliary IEC Power Cable: 1.5 meter	\$15	N/D		✓	✓			
X908A	Auxiliary IEC Power Cable: 2.5 meter	\$15	N/D		✓	✓			
(X)954A	Power/Cooling Module: 300W	\$1,800	A						✓
(X)976A	Adapter Cable: Centronics-compatible parallel port	\$75	B	✓					
X979A	SCSI Cable: 12-meter Differential	\$265	N/D						
X981A	Adapter Cable: AUI Only	\$75	B	✓					

Monitor/Graphics Accelerators Support Matrix					
	Monitors	17" Entry	17" Premium	20" Color	24" Color
Graphics Cards	Order Number	X7103A	X268A	X267A	X7124A
TurboGX	X7110A	✓	✓	✓	
TurboGXplus	X3655A		✓	✓	
Creator, Series 1	X3653A		✓	✓	
Creator3D, Series 1	X3654A		✓	✓	✓
Creator, Series 2	X3658A		✓	✓	
Creator3D, Series 2	X3659A		✓	✓	✓
PGX	X3660A	✓	✓	✓	✓
Video Connector Adapter, HD15F to 13W3M	X3872A	✓			

NOTE: Add "X" in front of an Order Number for a standalone order for existing systems. * Maximum discount may apply.

Append "R4" for factory-installation in System Cabinet, "R5" in Expansion Cabinet.